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U.S. PATENT DOCUMENTS

Exam Intl	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date

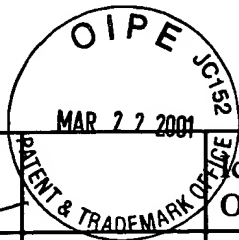
FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

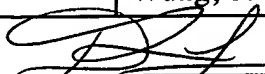
	Document Number	Publ. Date	Country or Patent Office	Class	Subclass	Transl.	
						Yes	No

OTHER DOCUMENTS (Including Author, Title, Date, Pages, etc.)

DR		Blom, T. and Hellman, L. (1993), <i>Scand. J. Immunol.</i> 37:203-208.
DR		Buckholz, R.G. and Gleeson, M.A.G. (1991), <i>Biotechnology</i> 9:1067-1072.
DR		Chan, H.; Elrod, K.C.; Numerof, R.P. Sideris, S; and Clark, J.M. (1999), <i>Protein Express. & Purif.</i> 15:251-257.
DR		Clark J.M.; Abraham, W.M.; Fishman, C.E.; Foreza, R. Ahmed, A.; Cortes, A.; Warne, R.L.; Moore, W.R; and Tanaka, R.D. (1995), <i>Am. J. Respir. Crit. Care Med.</i> 152:2076-2083.
DR		Holgate S.T. and Church, M.K. (1992), <i>Br. Med. Bull UK</i> 48:40-50.
DR		Faber K.N.; Harder, W.; Ab, G.; and Veenhuis, M. (1995), <i>Yeast</i> 11:1331-1344.
DR		Harvima, I.T.; Schechter N.M.; Harvima, R.J.; and Fräki, J.E. (1988) Human Skin Tryptase: Purification, Partial Characterization and Comparison with Human Lung Tryptase, <i>Biochimica et Biophysica Acta</i> , 957:71-80.
DR		Huang, C.; Li, L.; Krilis, S.A.; Chanasyk, K.; Tang, Y.; Li, Z.; Hunt, J.E.; and Stevens, R.L. (1999) Human Tryptase α and β /II are Functionally Distinct Due, in Part, to a Single Amino Acid Difference in One of the Surface Loops that Forms the Substrate-binding Cleft, <i>J. Biol. Chem.</i> 274:19670-19676.
DR		Huang, C.; Guillermo, M.; Vagi, A.; Chanasyk, K.; Ferrazzi, M.; Burklow, C.; Qiu, W.; Feyfant, E.; Sali, A.; and Stevens, R.L. , (2000) Formation of Enzymatically Active, Homotypic, and Heterotypic Tetramers of Mouse Mast Cell Tryptases, <i>J. Biol. Chem.</i> 275:351-358.

2/10/03



DR		de, H.; Itoh, H.; Tomita, M.; Murakumo, Y.; Kobayashi, T.; Maruyama, H.; Osada, Y.; and Nawa, Y. (1995), <i>J. Biochem.</i> 118:210-215.
DR		Miller, J.S.; Moxley, G.; and Schwartz, L.B. (1990), <i>J. Clin. Invest.</i> 86:864-870.
DR		Niles, A.L.; Maffitt, M.; Haak-Frendscho, M.; Wheelless, C.J.; and Johnson, D.A. (1998), Recombinant Human Mast Cell Tryptase: Stable Expression in <i>Pichia pastoris</i> and Purification of Fully Active Enzyme, <i>Biotechnol. Appl. Biochem.</i> 28:125-131.
DR		Nilsson and Schwartz (1994), Mast-Cell Heterogeneity: Structure and Mediators, Blackwell Scientific Publications, Boston, pp. 195-208.
DR		Pallaoro, M.; Fejzo, M.S.; Shayesteh, L; Blount, J.L.; and Caughey, G.H. (1999), Characterization of Genes Encoding Known and Novel Human Mast Cell Tryptases on Chromosome 16p13.3, <i>J. Biol. Chem.</i> 6:3355-3362.
DR		Sakai K.; Long, S.D.; Dove-Pettit, D.A.; Cabral, G.A.; and Schwartz, L.B. (1996), <i>Protein Express. & Purif.</i> 7:67-73.
DR		Sambrook, J.; Fritsch, E. F.; and Maniatis, T. (1989), <i>Molecular Cloning: A Laboratory Manual</i> ; Cold Spring Harbor Laboratory Press: New York, NY.
DR		Schwartz L.B.; Bradford, T.R.; Littman, B.H.; and Wintroub, B.U. (1985), <i>J. Immun.</i> 135:2762-2767.
DR		Schwartz L and Bradford T. (1986) Regulation of tryptase from human lung mast cells by heparin: Stabilization of the active tetramer, <i>J. Biol. Chem.</i> 256: 7372-7379.
DR		Schwartz (1995), Structure and Function of Human Mast Cell Tryptase, <u>Biological and Molecular Aspects of Mast Cell and Basophil Differentiation and Function</u> , chapter 14:161-173, Raven Press, Ltd: New York.
DR		Scopes, R. K., (1994), Protein Purification, Principles and Practice, Springer-Verlag: New York.
DR		Smith, T.J.; Hougland, M.W.; and Johnson, D.A. (1984), <i>J. Biol. Chem.</i> 259(17):11045-11051.
DR		Sommerhoff, C.P.; Bode, W.; Pereira, P.J.B.; Stubbs, M.T.; Stürzebecher, J.; Piechotka, G.P.; Matschiner, G.; and Bergner, A. (1999), "The Structure of the Human β II-tryptase Tetramer: Fo(u)r Better or Worse," <i>Proc. Natl. Acad. Sci. USA</i> 96:10984-10991.
DR		Vanderslice P.; Ballinger, S.M.; Tam, E.K.; Goldstein, S.M.; Craik, C.S.; and Caughey, G. H. (1990), <i>Biochemistry</i> 87:3811-3815.
DR		Wung, J.L. and Gascoigne, R.J. (1996), <i>BioTechniques</i> 21:812-816.
Examiner: 		Date Considered: <u>2/10/03</u>

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